

Government P.G College Berinag , Pithoragarh

Department of Mathematics

Teaching schedule ( 2023-2024 )

Class : BA / B.Sc

Subject Mathematics

| Semester | Paper   | Period / Semester | Paper title   | Unit<br>(Periods per semester )   |
|----------|---------|-------------------|---|---|
| I        | I       | 60                | Part A : Matrices<br>Part B :<br>Trigonometry<br>Part C :<br>Differential<br>Calculus | Part A<br>Unit I ( 8 ) Unit II ( 7 )<br>Unit III ( 5 )<br>Part B<br>Unit IV ( 6 ) Unit V ( 6 )<br>Part C<br>Unit VI ( 7 ) Unit VII ( 6 )<br>Unit VIII ( 8 ) |
| II       | Paper I | Ninety            | Part A : Integral<br>Calculus<br>Part B : Vector<br>Analysis                          | Part A<br>Unit I ( 12 ). Unit II ( 11 )<br>Unit III ( 12 ) Unit IV ( 11 )<br>Part B<br>Unit V ( 11 ) Unit VI ( 12 )<br>Unit VII ( 11 )<br>Unit VIII ( 10 )  |

| Semester | Paper   | Period / Semester | Paper title  | Unit<br>(Periods per semester )   |
|----------|---------|-------------------|--|---|
| III      | I       | 90                | Part A : Group Theory<br>Part B : Analytic Geometry              | Part A<br>Unit I( 12 ) Unit II (20 )<br>Unit III ( 13 )<br>Part B<br>Unit IV (11) Unit V (12 )<br>Unit VI (12)<br>Unit VII (10 )                  |
| IV       | Paper I | 90                | Part A : ordinary differential equations<br>Part B : Ring Theory | Part A<br>Unit I ( 12 ). Unit II ( 11 )<br>Unit III ( 11 ) Unit IV (11)<br>Part B<br>Unit V ( 11 ) Unit VI (10)<br>Unit VII (12)<br>Unit VIII(12) |

| Semester | Paper | Period / Semester | Paper title  | Unit<br>(Periods per semester )   |
|----------|-------|-------------------|--|---|
| v        | I     | 75                | Part A : Real Analysis<br><br>Part B : Function of several variables<br><br>Part C : Differential Equation | Part A<br>Unit I( 8 ) Unit II ( 8 )<br>Unit III ( 7 )<br>Unit IV ( 7 ) Unit V ( 7 )<br><br>Part B<br>Unit VI ( 8 ) Unit VII ( 8 )<br>Unit VIII ( 7 ) Unit IX( 8 )<br>Unit X ( 8 ) |
|          | II    | 75                | Part A : Mathematical Methods<br><br>Part B : Graph Theory   | Part A<br>Unit I ( 8 ) , Unit II ( 10 )<br>Unit III ( 10 ) Unit IV ( 9 )<br><br>Part B<br>Unit V ( 10 ) Unit VI ( 10 )<br>Unit VII ( 9 ) Unit VIII( 9 )                           |
| VI       | I     | 75                | Part A : Complex Analysis<br><br>Part B : Mechanics  | Part A<br>Unit I ( 4 ) . Unit II ( 9 )<br>Unit III ( 10 ) Unit IV ( 9 )<br><br>Part B<br>Unit V ( 10 ) Unit VI ( 10 )<br>Unit VII ( 9 ) Unit VIII( 9 )                            |

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|  | II | 75 | Part A : Linear Algebra<br>Part B : Metric Spaces | Part A<br>Unit I 10 Unit II ( 9 )<br>Unit III( 9) Unit IV (9)<br>Unit V( 9)<br>Part B<br>Unit VI ( 6) Unit VII (11 )<br>Unit VIII ( 12 ) |
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HOD (Maths )

Government PG college Berinag Pithoragarh